

Amendment Dated October 14, 2003 Reply to Office Action of July 11, 2003

<u>Amendments t the Claims:</u> This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

(Currently Amended) A printer, comprising:

a main body;

a storage space for printing sheets, said storage space being disposed in said main body and having a top opening;

a cover which is installed at said top opening of the storage space and can be freely opened and closed;

a printing sheet stored in said storage space;

a sheet outlet port formed between an opening end of the cover and a storage space wall opposing thereto;

a printing section disposed below said sheet outlet port; and

a sheet cutting means disposed below said printing section,

wherein said sheet cutting means comprises a <u>first-linear</u> cutting blade disposed on the opening end of said cover; <u>located below said printing section</u> and

a second_circular_cutting blade disposed on the main body portion opposing to said first linear_cutting blade.

(Currently Amended) The printer of claim 1,
wherein said <u>firstlinear</u> cutting blade is a stationary blade, and
said <u>secondcircular</u> cutting blade is a movable blade.

3. (Original) The printer of claim 2,

wherein said movable blade moves along said stationary blade, and

a standby position of said movable blade is provided outside said stationary blade.

4. (Currently Amended) The printer of claim 3,

wherein said movable blade moves up-away from said stationary blade at said standby position.

5. (Currently Amended) The printer of claim 4,





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wherein there is said circular cutting blade further provided includes a spring to actuate said movable blade downward toward said linear cutting blade when not in said standby position.

- 6. (Currently Amended) A printer, comprising:
- (a) a main body including a storage space and a printing section; said storage space having an opening, and storing a printing sheet therein,
- (b) a cover disposed to cover said opening and said printing section of said main body, said cover being installed to be freely opened and closed at said main body, and
- (c) a sheet cutting mechanism for cutting said printing sheet,

said sheet cutting mechanism including a first linear sheet cutting mechanism disposed on said cover and a second circular sheet cutting mechanism disposed on said main body,

said <u>a firstlinear</u> sheet cutting mechanism and <u>secondcircular</u> sheet cutting mechanism cutting said printing sheet.

7. (Currently Amended) The printer of claim 6,

wherein said second<u>circular</u> sheet cutting mechanism <u>is</u> installed opposing said first<u>linear</u> sheet cutting <u>mechanism</u>, and

said printing sheet stored in said storage space flows to said printing section, and

said printing sheet is cut by said first sheet cutting mechanism and second sheet cutting mechanism.

8. (Currently Amended) The printer of claim 6,

wherein said firstlinear sheet cutting mechanism is disposed at an opening end of said cover.

9. (Currently Amended) The printer of claim 6,

wherein said <u>firstlinear</u> sheet cutting mechanism <u>has includes</u> a stationary blade fixed to said cover, <u>and has having</u> a length longer than the width of said printing paper,

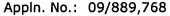
said second<u>circular</u> sheet cutting mechanism has<u>includes a</u> movable blade movably disposed in said main body,

said stationary blade and said movable blade cut said printing sheet, by moving of said movable blade.

10. (Currently Amended) The printer of claim 9,







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wherein said stationary blade is has a strip shape having longer length than a width of said printing sheet,

said printing sheet placed along said stationary blade,

said second circular sheet cutting mechanism has a standby position, in said standby position said circular sheet cutting mechanism which is placed at a side direction of said printing sheet,

when said movable blade is stood still, said movable blade is placed at said standby position,

when said movable blade is moved,

said movable blade is movably disposed along a length direction of said stationary blade,

said movable blade moves along a side surface of said stationary blade, while said printing sheet is place between said movable blade and said stationary blade, and

said printing sheet is cut.

11. (Previously Presented) The printer of claim 10,

wherein said movable blade is placed at a place separated from an end of said stationary blade, when said movable blade is stood still at said standby position.

12. (Previously Presented) The printer of claim 11,

wherein said movable blade is placed at a place separated from said side surface of said stationary blade, when said movable blade is stood still at said standby position.

13. (Currently Amended) The printer of claim 12,

wherein secondcircular sheet cutting mechanism further includes a spring mechanism,

when said movable blade moves, said spring mechanism pushes said movable blade to said side surface of said linear sheet cutting mechanism.

14. (Previously Presented) The printer of claim 13,

wherein said main body further includes a slope,

said slope is disposed at a place opposing said standby position,

said movable blade is pushed to said slope by said spring mechanism, moves along said slope, and contacts to said side surface of said stationary blade.

15. (Currently Amended) The printer of claim 6,



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wherein a sheet outlet port is formed at a space between an end of said storage space and an inner surface of said cover, <u>and</u>

said printing sheet stored in said storage space flows to said sheet outlet port and said printing section, and

said printing sheet is cut by said first sheet cutting mechanism and said second cutting mechanism.

- 16. (Currently Amended) A method for cutting a printing sheet of a printer, comprising the steps of:
 - (a) supplying a printer of claim 1,
 - (b) opening said cover, and setting a printing sheet in said storage space,
 - (c) closing said cover,
- (d) flowing said <u>printing</u> sheet through said printing section, and through a space between said main body and said cover,
- (e) moving at least one of said <u>firstlinear</u> sheet cutting mechanism and said <u>secondcircular</u> sheet cutting mechanism to cut said printing sheet.
 - 17. (Currently Amended) The method for cutting a printing sheet of claim 16,

wherein at said step (c), said secondcircular sheet cutting mechanism installed is positioned opposing said firstlinear sheet cutting, when said cover is closed,

at said step (d), said printing sheet stored in said storage space flows said printing section, and

at said step (e), said printing sheet is cut by said first sheet cutting mechanism and second sheet cutting mechanism.

18. (Currently Amended) The method for cutting a printing sheet of claim 16,

wherein said first linear sheet cutting mechanism has a stationary blade fixed to said cover, and has a length longer than the width of said printing paper,

said secondcircular sheet cutting mechanism has movable blade movably disposed in said main body,

said step (e) includes the step of moving said movable blade along said stationary blade, and cutting said printing sheet by said stationary blade and said movable blade.

(Currently Amended) The method for cutting a printing sheet of claim 1618,

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wherein at said step (c), said movable blade is placed at a place separated from an end of said stationary blade and from said side surface of said stationary blade, when said movable blade is stood still at said standby position,

at said step (e), said movable blade moves along a side surface of said stationary blade, while said printing sheet is place between said movable blade and said stationary blade, and said printing sheet is cut.

20. (Currently Amended) The method for cutting a printing sheet of claim <u>1618</u>, wherein <u>secondcircular</u> sheet cutting mechanism further includes a spring mechanism,

at said step (e), said spring mechanism pushes said movable blade to said side surface, when said movable blade moves.

21. (New) A printer, comprising:

a main body including a storage space, a printing section, and a slope, said storage space having an opening, and storing a printing sheet therein;

a cover disposed to cover said opening and said printing section of said main body, said cover being installed to be freely opened and closed at said main body; and

a sheet cutting mechanism for cutting said printing sheet, said sheet cutting mechanism including a first sheet cutting mechanism disposed on said cover and a second sheet cutting mechanism disposed on said main body;

wherein;

said first sheet cutting mechanism has a stationary blade fixed to said cover, said stationary blade is a strip shape having longer length than a width of said printing sheet, and said printing sheet is placed along said stationary blade;

said second sheet cutting mechanism includes a movable blade movably disposed in said main body and a spring mechanism;

said second sheet cutting mechanism has a standby position which is placed at a side direction of said printing sheet, separated from an end of said stationary blade;

said slope of said main body is disposed at a place opposing said standby position of said second sheet cutting mechanism such that when said movable blade moves;

said spring mechanism pushes said movable blade to said slope by said spring mechanism,

said movable blade moves along said slope, and contacts to said side surface of said stationary blade;

said spring mechanism pushes said movable blade to said side surface of the stationary blade;



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said movable blade moves along a side surface of said stationary blade, while said printing sheet is place between said movable blade and said stationary blade; and

said printing sheet is cut; and

when said movable blade is stood-still, said movable blade is placed at said standby position.